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PATENT & TRADEMARK
PATENT ROOM 37

-1-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Patent Application of

Michael J. Scaggs

Application No.: 10/065,262

Filed: September 30, 2002

For: METHOD AND APPARATUS FOR
ASSISTING LASER MATERIAL
PROCESSING

Group Art Unit: Unknown

2004 JUL 20 PM 12:08

Examiner: Unknown

**REQUEST FOR REFUND
OF OVERPAYMENT OF PRESCRIBED FEES**

353 Sacramento Street, Suite 2200
San Francisco, CA 94111
Telephone: (415) 772-4900

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited
with the United States Postal Service as First Class Mail in an
envelope, addressed to: Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450 on July 12, 2004.

STALLMAN & POLLOCK LLP

Dated: 07/12/04

By:

Tanisha Lawrence-Caceres

Sir:

Applicants respectfully request(s) a refund of the overpayment of \$180.00 in prescribed fees submitted with the Information Disclosure Statement, filed on June 1, 2004.

To date, no Office Action has been received in the above-referenced application. Applicants inadvertently proffered the 37 CFR §1.17(p) IDS fee when they filed the Information Disclosure Statement to the Patent Office on June 1, 2004 (Applicants' copies of the IDS and postcard are attached).

To date, the overpayment of \$180.00 has neither been returned to us by check nor credited to our Deposit Account No. 50-1703.

Applicants respectfully request the refund of \$180.00 paid in error by either providing the below-named attorneys with a check, or by crediting Deposit Account No. 50-1703 in the amount of \$180.00.

Respectfully submitted,

STALLMAN & POLLOCK LLP

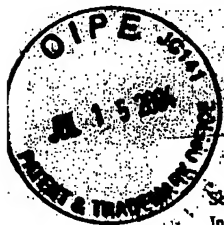
Dated: July 9, 2004

By:

Brian J. Keating
Reg. No. 39,520

Attorneys for Applicant(s)

Atty Docket No.: COHL-5410



PATENT DIVISION

Serial/Patent/Reg. No. 10/065,262
In the Matter of the Application of: Michael J. Scarsella
Title/Mark: Method and apparatus for assisting laser material processing
Date Mailed: May 27, 2004
By: WAS.tlc
Due Date:

JUL 20 PM 12:08

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- | | |
|--|---|
| <input type="checkbox"/> Transmittal Letter | <input type="checkbox"/> Trademark (Use) Appn., Drawing and _____ Specimens |
| <input type="checkbox"/> Patent Application _____ | <input type="checkbox"/> ITU Trademark Application and Drawing |
| <input type="checkbox"/> _____ pgs. specification including _____ pgs. claims | <input type="checkbox"/> Request for Extension to Time (trademark) |
| <input type="checkbox"/> Drawings _____ sheets _____ formal _____ informal | <input type="checkbox"/> (Notice of Allowance: _____) |
| <input type="checkbox"/> Oath/Declaration | <input type="checkbox"/> Statement of Use/Amendment to Allege Use |
| <input type="checkbox"/> Assignment w/ Form PTO-1595 | <input type="checkbox"/> Section 8 & 15 Declaration |
| <input type="checkbox"/> Power of Attorney | <input type="checkbox"/> Trademark Renewal Application and _____ Specimen |
| <input type="checkbox"/> Small Entity Declaration | <input type="checkbox"/> Opposition to _____ |
| <input checked="" type="checkbox"/> Deposit Account Authorization (in duplicate) | <input type="checkbox"/> Petition for Cancellation |
| <input checked="" type="checkbox"/> Information Disclosure Statement, PTO-1449 w/ <u>45</u> references | <input type="checkbox"/> Certificate of Mailing |
| <input checked="" type="checkbox"/> Check \$ <u>160.00</u> | <input type="checkbox"/> Express Mail Certificate No. _____ |
| <input type="checkbox"/> Amendment/Response | <input type="checkbox"/> Certificate under §3.73(b) |
| <input type="checkbox"/> Request for Extension of Time (____ months) (____ patents) | <input type="checkbox"/> Certificate of Correction (PTO Form 1050) |
| <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Petition for _____ |
| <input type="checkbox"/> Notice of Appeal | <input checked="" type="checkbox"/> Other: <u>Owner of Patent or Agents</u> |
| <input type="checkbox"/> Appeal Brief (in triplicate) | <input checked="" type="checkbox"/> <u>Address</u> |
| <input type="checkbox"/> Letter to Official Draftsman | <input checked="" type="checkbox"/> <u>Signature</u> |
| <input type="checkbox"/> Issue Fee Transmittal | |
| <input type="checkbox"/> Maintenance Fee Transmittal | |
| <input type="checkbox"/> Request for _____ | |



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10/065,262

-1-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Michael J. Scaggs

Application No.: 10/065,262

Filed: September 30, 2002

For: METHOD AND APPARATUS FOR
ASSISTING LASER MATERIAL
PROCESSING

Confirmation No. 5670


2004 JUL 20 PM 12:08

Group Art Unit: 1763

Examiner: Unknown

INFORMATION DISCLOSURE
STATEMENT353 Sacramento Street, Suite 2200
San Francisco, CA 94111
(415) 772-4900Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited
with the United States Postal Service as First Class Mail in an
envelope, addressed to: Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450 on May 24, 2004.
STALLMAN & POLLOCK LLPDated: May 24, 2004 By: 
Tanisha Lawrence-Caceres

Sir:

Applicant(s) submit(s) herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which he is aware, which he believe(s) may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits, or before a first office action after filing a Request for Continued Examination under § 1.114.
- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a

Atty Docket No.: COHL-5410

notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below:

- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) is checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith, except as noted below.

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO-1449 (Modified) are not supplied because they are (a) either U.S. Patents and this an application filed after June 30, 2003, or (b) were previously cited by or submitted to the Office in a prior application no. _____, filed _____ and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (h) ☒ not given
- (i) ☐ given for each listed item

- (j) ☐ given for only non-English language listed item(s) [Required]
- (k) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

- ☒ The Commissioner is hereby authorized to charge our Deposit Account No. 50-1703, under Order No. COHL-5410, for any fees required in connection with the filing of this Information Disclosure Statement. A duplicate copy of this Notice is enclosed for this purpose. In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

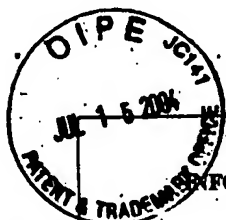
STALLMAN & POLLOCK LLP

Dated: Mar 26, 2009

By: Brian J. Keating

(Reg. No. 39,520)

Attorneys for Applicant(s)



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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Doctet Number (Optional) COHL-5410	Application Number 10/063,262
Applicant(s) Michael J. Scaggs	
Filing Date 09/30/2002	Group Art Unit Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,679,863	07/25/1972	Houldcroft et al.	219	121 LM	11/10/1969
	AB	3,749,878	07/31/1973	Sullivan et al.	219	121 L	01/19/1971
	AC	4,403,134	09/06/1983	Klingel	219	121 FS	03/17/1982
	AD	4,625,093	11/25/1986	Chrysoulouris	219	121 LS	01/24/1986
	AE	4,792,779	12/20/1988	Pond et al.	338	195	04/18/1988
	AF	4,952,771	08/28/1990	Wrobel	219	121.67	12/18/1986
	AG	5,043,556	08/27/1991	Aono et al.	219	121.72	01/08/1990
	AH	5,057,184	10/15/1991	Gupta et al.	156	637	04/06/1990
	AI	5,593,606	01/14/1997	Owen et al.	219	121.71	07/18/1994
	AJ	5,841,099	11/24/1998	Owen et al.	219	121.69	05/17/1996
	AK	5,902,497	05/11/1999	Alber et al.	219	121.63	10/14/1995
	AL	5,902,499	05/11/1999	Richerzhagen	219	121.84	05/22/1995
	AM	5,486,264	01/23/1996	Ghandour	156	635.1	04/22/1994
	AN	5,577,092	11/19/1996	Kublak et al.	378	119	01/25/1995
	AO	5,544,775	08/13/1996	Kerth et al.	216	65	12/22/1994
	AP	5,552,675	09/03/1996	Lemelson	315	111.21	03/10/1992
	AQ	5,593,606	01/14/1997	Owen et al.	219	121.71	07/18/1994
	AR	5,741,559	04/21/1998	Dulaney	427	554	10/23/1995
	AS	5,841,099	11/24/1998	Owen et al.	219	121.69	05/17/1996
	AT	5,968,382	10/19/1999	Matsumoto et al.	219	121.72	07/12/1996
	AU	6,140,655	10/31/2000	Russell et al.	250	492.2	03/24/1999
	AV	6,136,210	10/24/2000	Biegelsen et al.	216	26	11/02/1998
	AW	6,177,358	01/23/2001	Douglas	438	746	12/30/1993
	AX	6,201,212	03/13/2001	Koch et al.	219	121.63	02/13/1998
	AY	6,217,422	04/17/2001	Franca et al.	451	56	01/20/1999
	AZ	6,259,058	07/10/2001	Hoekstra	219	121.75	01/29/1999
	BA	6,294,754	09/25/2001	Nagura et al.	219	121.63	10/29/1999
	BB	6,464,842	10/15/2002	Golovchenko et al.	204	192.13	06/22/2000

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
	BC	10-99978	04/21/1998	Japan	B 23 K	26/00	Abstract	
	BD	59-206189	11/21/1984	Japan	B 23 K	26/00	Abstract	
	BE	WO 03/028941	04/10/2003	PCT	B23K	26/00		
	BF	WO 03/028943	04/10/2003	PCT	B23K	26/12		

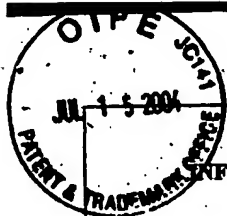
OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

BG	A. Dupont, et al., "Enhancement of material ablation using 248, 308, 532, 1064 nm laser pulse with a water film on the treated surface," <i>J. Appl. Phys.</i> , Vol. 78, No. 3, 1 August 1995, pp. 2022-2028.
BH	S. Zhu, et al., "Laser ablation of solid substrates in a water-confined environment," <i>Applied Physics Letters</i> , Vol. 79, No. 9, 27 August 2001, pp. 1396-1398.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

PATENT DIVISION
JUL 20 2002 08



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PATENT MAINTENANCE

Application No. 10/065,262

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

COHL-5410

Applicant(s)

Michael J. Scaggs

Filing Date

09/30/2002

Group Art Unit

Unknown

2004 JUL 20 PM 12:08

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	BI	6,669,774	12/30/2003	Zhang et al.	117	4	07/14/2000
	BJ	6,692,337	2/17/2004	Jennings et al.	451	36	03/14/1997
	BK	US 2001/0040152	11/15/2001	Higashi et al.	219	121.67	05/02/2001
	BL	US 2002/0125232	09/12/2002	Choo et al.	219	121.69	02/28/2002
	BM	US 2003/0129814	07/10/2003	Mizukoshi	438	584	12/27/2002

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

BN	M. Mosbacher, et al., "Universal threshold for the steam laser cleaning of submicron spherical particles from silicon," <i>Appl. Phys. A</i> , Vol. A 70, (2000), pp. 669-672.
BO	S. J. Lee, et al., "Shock wave analysis of laser assisted particle removal," <i>J. Appl. Phys.</i> , Vol. 74, No. 12, 15 December 1993, pp. 7044-7047.
BP	Stephan Roth, et al., "Novel technique for high-quality microstructuring with excimer lasers," <i>Proceedings of SPIE - In Laser Applications in Microelectronic and Optoelectronics Manufacturing V</i> , Vol. 3933, (2000), pp. 338-346.
BQ	G. Chryssolouris, et al., "Recent Developments in Three-Dimensional Laser Machining," <i>Supplied by the British Library, ICALEO (Inter-national Congress on Applications of Laser and Electro-Optics)</i> , (1990), pp. 281-293.
BR	J. Sun, et al., "Ultrafast Laser Micromachining with a Liquid Film," <i>ICALEO (Inter-national Congress on Applications of Laser and Electro-Optics)</i> , (2001), 10 Pages in Length.
BS	Stephan Roth, et al., "Specific Surface Treatment by Laser Irradiation Under Liquid Films," <i>Laser Microfabrication - ICALEO (Inter-national Congress on Applications of Laser and Electro-Optics)</i> , (2000), pp. B-11-B-20.

Examiner

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

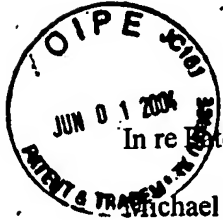
10/065,262

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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Michael J. Scaggs

Application No.: 10/065,262

Filed: September 30, 2002

For: METHOD AND APPARATUS FOR
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PROCESSING

Confirmation No. 5670

Group Art Unit: 1763

Examiner: Unknown

INFORMATION DISCLOSURE
STATEMENT

353 Sacramento Street, Suite 2200
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(415) 772-4900

Mail Stop Amendment
Commissioner for Patents
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STALLMAN & POLLOCK LLP

Dated: May 24, 2004

By:

Tanisha Lawrence-Caceres

10/03/2004 LWONDIM1 00000090 10065262

FC:1806

180.00 QR

Sir:

Applicant(s) submit(s) herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which he is aware, which he believe(s) may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

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Atty Docket No.: COHL-5410

Adjustment date: 08/16/2004 EEKUBAY1
06/03/2004 LWONDIM1 00000090 10065262
01 FC:1806 -180.00 QR

Repln. Ref: 08/16/2004 EEKUBAY1 0010333400
DAH: 501703 Name/Number: 10065262
FC: 9204 \$180.00 CR